A REPORT ON

ONE DAY TRAINING PROGRAM ON
“UNIVERSAL TESTING MACHINES FOR TECHNICAL TEXTILES”

CONDUCTED BY
PSGTECHS COE INDUTECH
IN ASSOCIATION WITH
OFFICE OF THE TEXTILE COMMISSIONER
MINISTRY OF TEXTILES GOVT. OF INDIA

PSG COLLEGE OF TECHNOLOGY, COIMBATORE

May 31, 2013
ONE DAY TRAINING PROGRAM
ON
UNIVERSAL TESTING MACHINES FOR TECHNICAL TEXTILES

Date: 31st May 2013

Venue: PSGTECHS COE INDUTECH, Neelambur.

Program Schedule:

Welcome address : Mr. R.G.Shekar, Centre Head, COE-Indutech
Introduction of PSGTECHS : Mr. S. Kuppusamy V.P, PSG Foundry Division
About COE-Indutech : Mr. R.G.Shekar, Centre Head, COE-Indutech
Universal Testing Machines : Mr. V. Shivakumar, Regional Business Manager,
                           M/s. Zwick Roell India P Ltd., Bangalore
Demonstration and Testing : Mr. V. Muthukumar, Project Engineer, COE-Indutech
Vote of thanks : Mr. R. Jayaprakash, Project Engineer, COE-Indutech

About the Program:

1. Mr. R.G.Shekar welcomed all the participants for enthusiastically participating in the Training program. Explained briefly about the program details, its purpose and the target benefits for the participants.
2. Mr. S. Kuppusamy Vice president explained about the activities at PSG Trust and its contributions towards the social and economic development.
3. Mr. R.G.Shekar briefed about role and responsibility of PSGTECHS COE INDUTECH and the facilities offered by COE Indutech such as Incubation facility, new product development, testing facility and manufacturing facility.
4. Mr. R.G.Shekar also explained the scope for the industries to utilize the services offered by COE Indutech and the schemes under Technology Mission on Technical Textiles, Ministry of Textiles, Govt. of India for product promotion. Manufacturing.
5. Mr. V. Shivakumar explained about the Zwick Roell machines, purpose, technologies used and application for the machines in various fields like Belting, Composites, Geotech, Aero Space, Medical textiles.
6. Mr. V. Shivakumar also explained about the product standardization using this machines with various standards like ASTM, DIN, ISO and BIS.
7. Mr. V. Shivakumar briefed about use of these machines in areas like product life cycle determination in endurance testing.

8. Mr. V. Muthukumar, Project Engineer, demonstrated the Zwick Roell testing machines in the afternoon session.

9. Mr. V. Muthukumar, shown various samples and the test methods used for testing the samples.

10. Mr. V. Muthukumar, have shown the live testing of samples in 10kN and 100kN with tensile, compression, CBR puncture test at Universal testing machine.

11. All the participants had the opportunity for one to one interaction with the speakers.

12. Mr. R. Jayaprakash thanked the speakers for spending their valuable time for the program and also thanked all the participants for attending the program.

**List of Members participated**

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<thead>
<tr>
<th>S.No</th>
<th>Name</th>
<th>Company</th>
<th>Designation</th>
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<tbody>
<tr>
<td>1</td>
<td>N. Muthukumar</td>
<td>Elgi ultra Industries Ltd</td>
<td>Q.C Officer</td>
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<tr>
<td>2</td>
<td>T.B. Vigneshwaran</td>
<td>Elgi ultra Industries Ltd</td>
<td>Q.C Officer</td>
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<td>3</td>
<td>S.S. Baskar</td>
<td>Prathishta Weaving &amp; Knitting company Ltd</td>
<td>Factory Manager</td>
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<tr>
<td>4</td>
<td>B. Chandrasekar</td>
<td>Prathishta Weaving &amp; Knitting company Ltd</td>
<td>Factory Manager</td>
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<tr>
<td>5</td>
<td>Vikas Kumar Mishra</td>
<td>Sulochana cotton spinning mills</td>
<td>Quality Sr. chemist</td>
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<tr>
<td>6</td>
<td>Sunil Agnihotri</td>
<td>Sulochana cotton spinning mills</td>
<td>Manager</td>
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<tr>
<td>7</td>
<td>V. K. Manoharan</td>
<td>BKS Textiles (p) Ltd</td>
<td>Manager-Coating</td>
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<tr>
<td>8</td>
<td>V. Madhavan</td>
<td>BKS Textiles (p) Ltd</td>
<td>Manager-Quality &amp; Technical</td>
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<tr>
<td>9</td>
<td>Dr. P. S. Sampath</td>
<td>K.S. Rangasamy college of Technology</td>
<td>Professor</td>
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<td>10</td>
<td>V. Thanabal</td>
<td>Bannari Amman Institute of Technology</td>
<td>Asst. Professor Sr. Gr</td>
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<tr>
<td>11</td>
<td>R. Vijayasekar</td>
<td>Bannari Amman Institute of Technology</td>
<td>Asst. Professor</td>
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<td>12</td>
<td>B. Munusamy</td>
<td>Thiagarajar polytechnic college</td>
<td>Lecturer</td>
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<td>13</td>
<td>V. Amsaveni</td>
<td>Avinashilingam University</td>
<td>Research Associate</td>
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<tr>
<td>14</td>
<td>S. Aishwariya</td>
<td>Avinashilingam University</td>
<td>Senior Research Fellow-DST</td>
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Over all feedback received from the participants was good
Programme organized by

1. Mr. R.G. Shekar, Center Head
2. Mr. V. Muthukumar, Project Engineer
3. Mr. R. Jayaprakash, Project Engineer
4. Mr. G. Selvakumar, Assistant Professor (Research)
5. Mr. S. Vishak, Assistant Professor (Research)